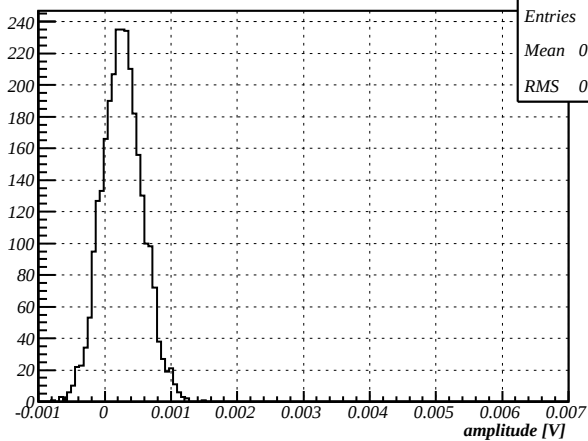
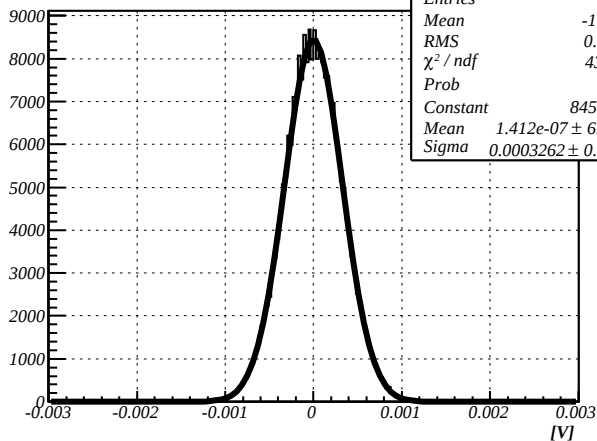


Amplitude, HV=0V



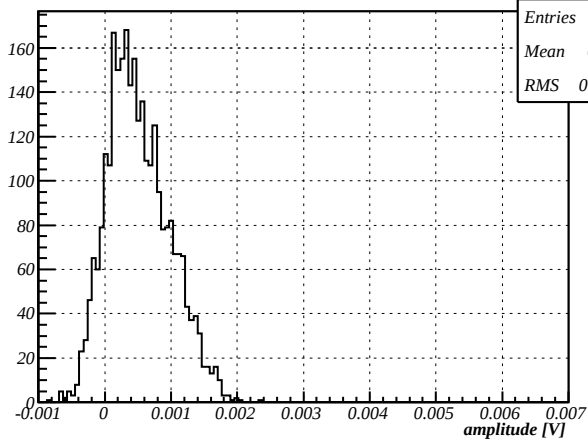
Amplitude, HV=0V	
Entries	2851
Mean	0.0002683
RMS	0.0003042

Noise, HV=0V



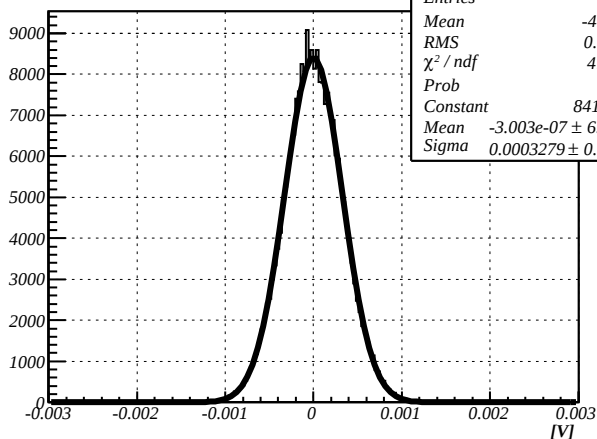
Noise, HV=0V	
Entries	230931
Mean	-1.617e-12
RMS	0.0003265
χ^2 / ndf	433.4 / 96
Prob	0
Constant	8456 ± 21.6
Mean	1.412e-07 ± 6.796e-07
Sigma	0.0003262 ± 0.0000005

Amplitude, HV=200V



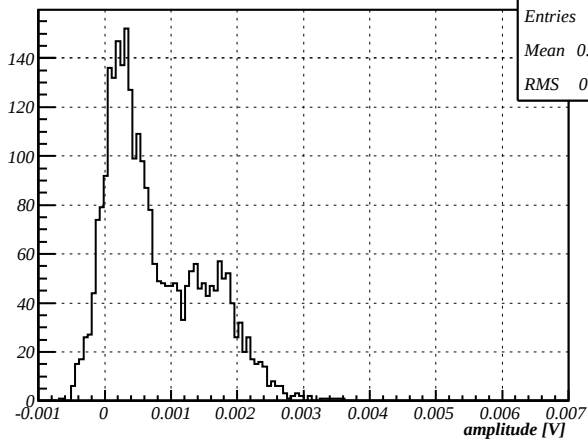
Amplitude, HV=200V	
Entries	2851
Mean	0.000513
RMS	0.0004653

Noise, HV=200V



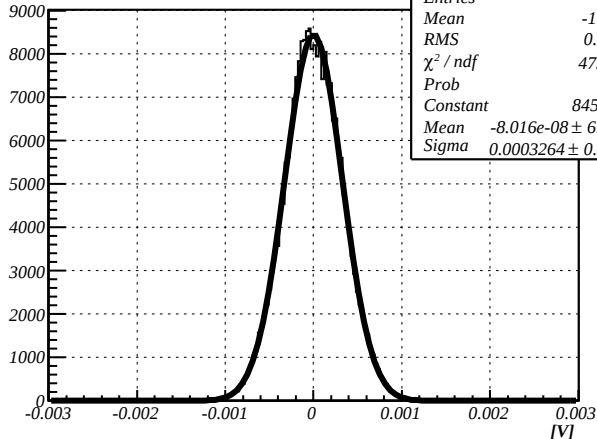
Noise, HV=200V	
Entries	230931
Mean	-4.193e-12
RMS	0.0003285
χ^2 / ndf	470.9 / 94
Prob	0
Constant	8411 ± 21.7
Mean	-3.003e-07 ± 6.835e-07
Sigma	0.0003279 ± 0.0000005

Amplitude, HV=400V

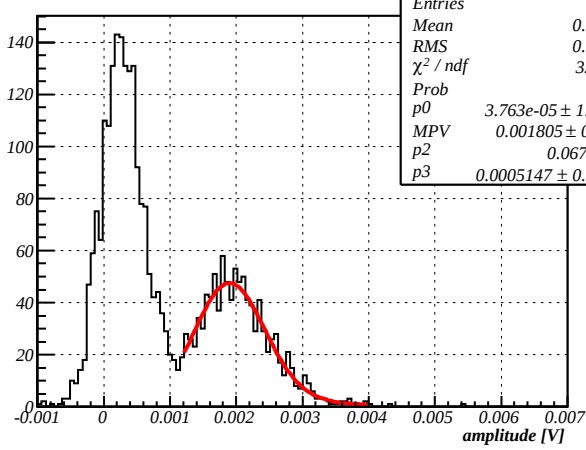


Amplitude, HV=400V	
Entries	2851
Mean	0.0007616
RMS	0.0007321

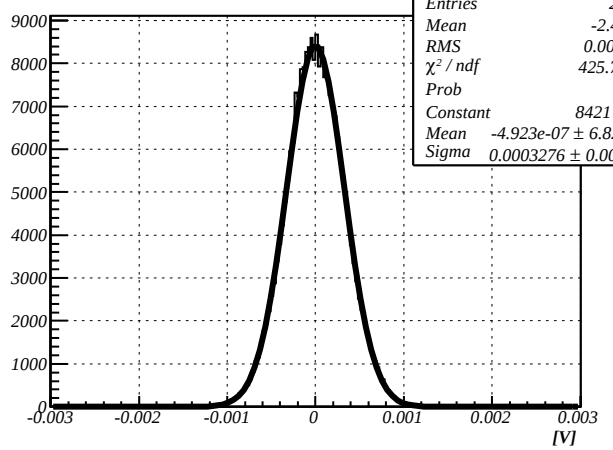
Noise, HV=400V



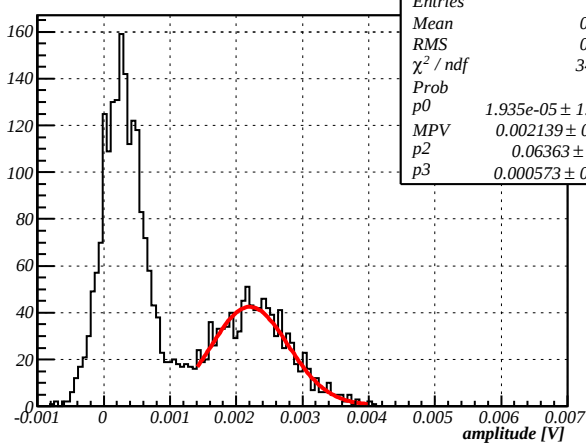
Noise, HV=400V	
Entries	230931
Mean	-1.954e-12
RMS	0.0003269
χ^2 / ndf	475.2 / 102
Prob	0
Constant	8452 ± 21.7
Mean	-8.016e-08 ± 6.801e-07
Sigma	0.0003264 ± 0.0000005

Amplitude, HV=600V

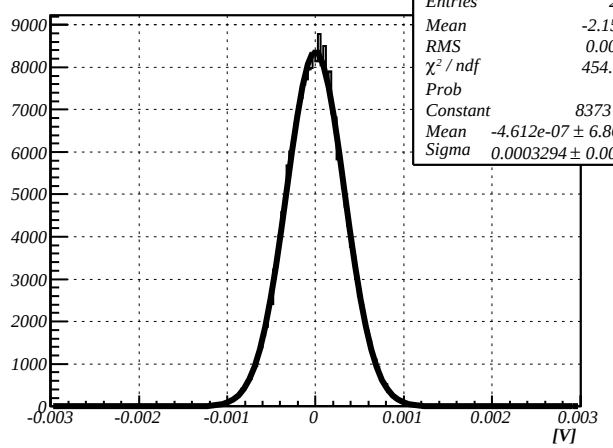
Amplitude, HV=600V	
Entries	2851
Mean	0.0009209
RMS	0.0009354
χ^2 / ndf	32.35 / 39
Prob	0.7656
p0	$3.763\text{e-}05 \pm 1.720\text{e-}05$
MPV	0.001805 ± 0.000040
p2	0.067 ± 0.002
p3	0.0005147 ± 0.0000400

Noise, HV=600V

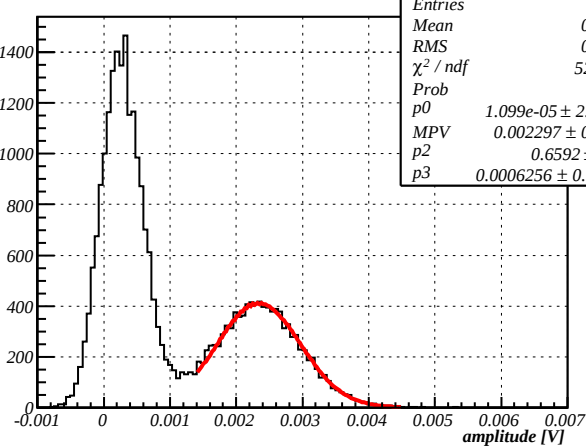
Noise, HV=600V	
Entries	230931
Mean	$-2.41\text{e-}07$
RMS	0.0003296
χ^2 / ndf	425.7 / 126
Prob	0
Constant	8421 ± 21.8
Mean	$-4.923\text{e-}07 \pm 6.826\text{e-}07$
Sigma	0.0003276 ± 0.0000005

Amplitude, HV=800V

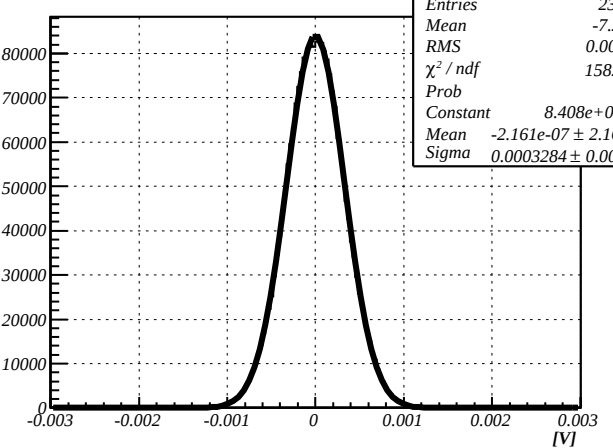
Amplitude, HV=800V	
Entries	2851
Mean	0.001016
RMS	0.001037
χ^2 / ndf	34.14 / 38
Prob	0.6488
p0	$1.935\text{e-}05 \pm 1.021\text{e-}05$
MPV	0.002139 ± 0.000038
p2	0.06363 ± 0.00237
p3	0.000573 ± 0.000027

Noise, HV=800V

Noise, HV=800V	
Entries	230931
Mean	$-2.157\text{e-}07$
RMS	0.0003308
χ^2 / ndf	454.7 / 113
Prob	0
Constant	8373 ± 21.4
Mean	$-4.612\text{e-}07 \pm 6.863\text{e-}07$
Sigma	0.0003294 ± 0.0000005

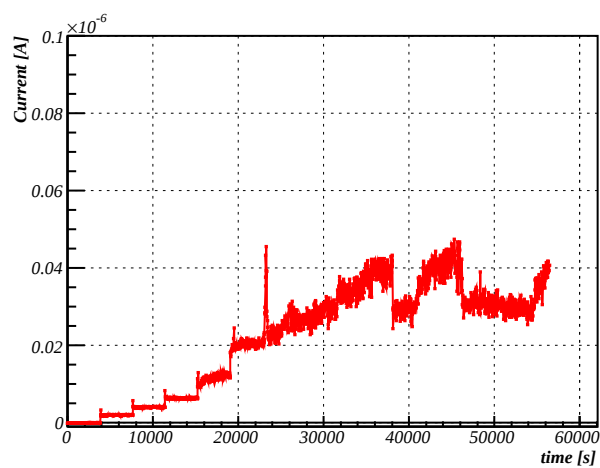
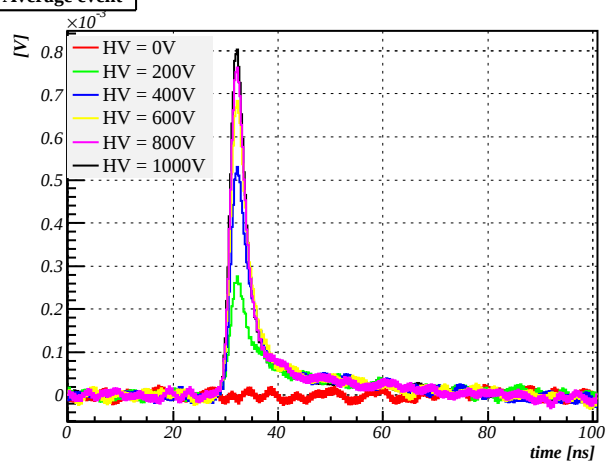
Amplitude, HV=1000V

Amplitude, HV=1000V	
Entries	28499
Mean	0.001061
RMS	0.001109
χ^2 / ndf	52.98 / 46
Prob	0.2228
p0	$1.099\text{e-}05 \pm 2.287\text{e-}08$
MPV	0.002297 ± 0.000000
p2	0.6592 ± 0.0000
p3	0.0006256 ± 0.0388380

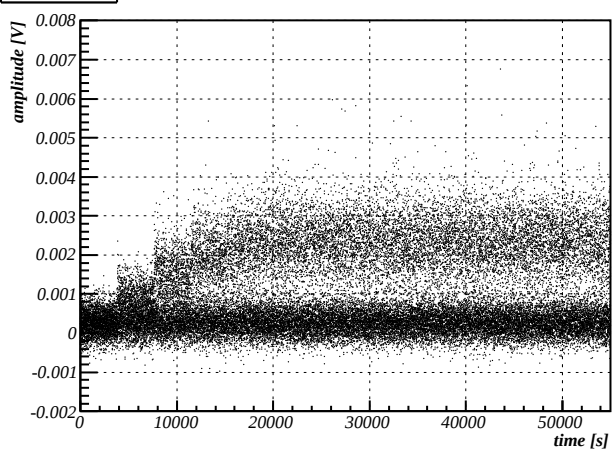
Noise, HV=1000V

Noise, HV=1000V	
Entries	2308419
Mean	$-7.25\text{e-}08$
RMS	0.0003288
χ^2 / ndf	1582 / 142
Prob	0
Constant	$8.408\text{e+}04 \pm 68$
Mean	$-2.161\text{e-}07 \pm 2.163\text{e-}07$
Sigma	0.0003284 ± 0.0000002

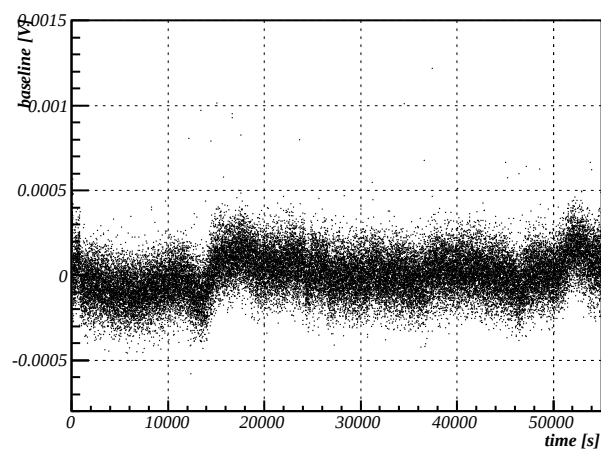
Average event



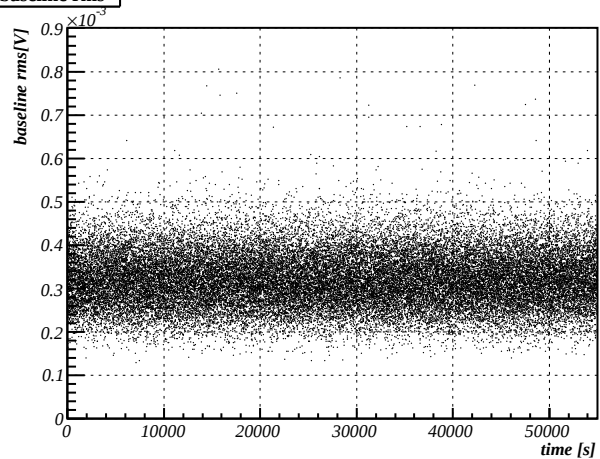
amplitudes



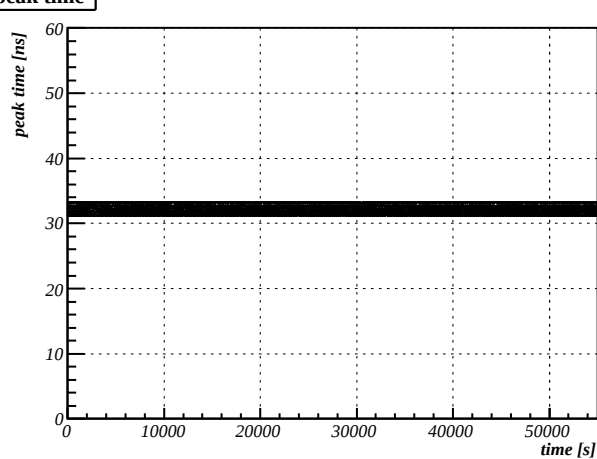
baseline



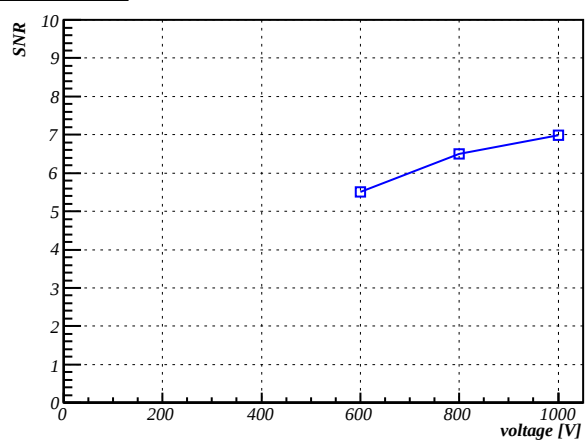
baseline rms



peak time



Signal to noise



SP_061207183152_Fotec405_ceramic6_AfterTC_measurement1.xls